

A.I. Challenges

A.I. Maze

Use [Google's Teachable Machine](#) to recognize different **images** to help drive your car through a maze. The maze will be made with lines of tape on the floor.

The images will be used to direct the vehicle to:

- move forward
- back up
- turn right
- turn left
- stop

Choose images that work best for you. One suggestion is to use different shapes in different colors.

A.I. Dance

Use [Google's Teachable Machine](#) to be able to recognize different **gestures**.

Use the different gestures to give the vehicle instructions to make different dance moves.

Resources:

For the Hummingbird:

<https://learn.birdbraintechnologies.com/hummingbirdbit/snap/ai/activity-1-image-recognition-snap>

For the Finch:

<https://learn.birdbraintechnologies.com/finch1/activities/ai-with-finch/>

For the micro:bit

<https://makeairobots.com/>

[Google's Teachable Machine](#)